

Notic of Allowability

Application No.

10/665,082

Examin r

Peter R. Brown

Applicant(s)

YOUNG, PHILLIP

Art Unit

3636

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.


1. ☐ This communication is responsive to ____.
2. ☒ The allowed claim(s) is/are 1-8.
3. ☒ The drawings filed on 16 September 2003 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
* Certified copies not received: ____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
(a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
1) ☐ hereto or 2) ☐ to Paper No./Mail Date ____.
(b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date ____.
Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date ____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date ____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other ____


Peter R. Brown
Primary Examiner
Art Unit: 3636

REASONS FOR ALLOWANCE

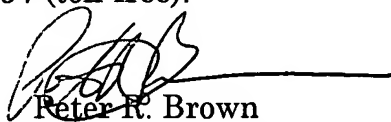
The following is an examiner's statement of reasons for allowance: the claims are allowable over the prior art of record because the prior art fails to show or suggest, either singly or in combination thereof, a tilt lock device for a chair of the type having a spindle member and a piston for raising or lowering the chair, a spindle housing with a horizontal axis, a pivot pin carried by the spindle housing and extending laterally with respect to the horizontal axis through the spindle housing, a bracket member pivotally mounted to the pivot pin for rotation relative to the spindle housing, a locking shaft having an axis of elongation slidably carried by the bracket member and by the spindle housing, the locking shaft extending through the spindle housing where the locking shaft is responsive to external force for axial displacement and is so adapted for carriage by the spindle housing and the bracket member to permit slidable axial displacement of the locking shaft with respect to the axis of elongation upon the application of the external force, a pawl plate for engagement with the piston for raising or lowering the chair having an upper surface and a lower surface where the pawl plate is fixed for rotation with the locking shaft and extends laterally to the axis of elongation, a barrier rib disposed in the upper surface of the pawl plate and projecting above the upper surface, the barrier rib extending laterally with respect to the axis of elongation, a pawl member carried by the pivot pin and mounted to permit rotation of the pawl member with respect to the pivot pin, and a torsion spring carried by the pivot pin having a first

extension and a second extension for compressively biasing both the pawl member and said pawl plate respectively so as to oppose rotation of the pawl plate, where the first extension compressively engages the pawl member and the second extension compressively engages the upper surface of the pawl plate thereby biasing said second extension against said barrier rib axially with respect to the axis of elongation whereby the locking shaft is precluded from axial displacement with respect to the axis of elongation without application of the external force applied to the locking shaft to overcome the bias of the second extension against the barrier rib.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Peter R. Brown whose telephone number is 703-308-2103. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


Peter R. Brown
Primary Examiner
Art Unit 3636

prb